

Product datasheet for **RC217711A1V**

Human GDF 9 (GDF9) (NM_005260) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GDF 9 (GDF9) (NM_005260) AAV Particle
Tag:	Myc-DDK
Symbol:	GDF 9
Synonyms:	POF14
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC217711 representing NM_005260. Blue=ORF Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGGCAGTCCCAACAAATTCCTCCTTTGGTTTTGCTGCTTTGCCTGGCTGTGTTTTCTATTAGCCTT
GGTTCTCAGGCTTCTGGGGGAGAAGCTCAGATTGCTGCTAGTGCTGAGTTGGAATCTGGGCTATGCCT
TGGTCCTTGCTGCAGCATATAGATGAGAGAGACAGAGCTGGCCTCCTTCCCGCGCTTTTCAAAGTTCTA
TCTGTTGGGCGAGGTGGGTACCTAGGCTGCAGCCAGACTCCAGAGCTTTGCACTACATGAAGAAGCTC
TATAAGACATATGCTACCAAGGAAGGGATTCTAAATCCAATAGAAGTCACCTCTACAACACTGTTCCG
CTCTTCACCCCTGTACCCGGCACAAGCAGGCTCCTGGAGACCAGGTAACAGGAATCCTTCCATCAGTG
GAAGTGTATTTAACCTGGATCGCATTACTACTGTTGAACACTTACTCAAGTCAGTCTTGCTGTACAAT
ATCAACAACCTCAGTTTCTTTTCTCTGCTGTCAAATGTGTGCAATCTAATGATAAAGGAGCCAAAG
TCTTCTAGCAGGACTCTCGGCAGAGCTCCATACTCATTTACCTTTAACTCACAGTTTGAATTTGAAAG
AAACACAAATGGATTGAGTTGATGTGACCAGCCTCCTTCAACCTTTAGTGGCTCCAACAAGAGAAGT
ATTCACATGTCTATAAATTTTACTTGCATGAAAGACCAGCTGGAGCATCCTTCAGCACAGAATGGTTTG
TTTAACATGACTCTGGTGTCCCCTCACTGATCTTATATTTGAATGACACAAGTGCTCAGGCTTATCAC
AGCTGGTATTCCTTCACTATAAAGGAGGCCTTCCAGGGTCTGACCAGGAGAGAAGTCTGTCTGCC
TATCCTGTGGGAGAAGAGGCTGCTGAGGATGGGAGATCTCCCATCACCGTCACCGCAGAGGTCAGGAA
ACTGTGCTGTTCTGAATTGAAGAAGCCCTTGGGCCAGCTTCTTCAATCTGAGTGAATACTTCAGACAA
TTTCTTCTTCCCAAAATGAGTGTGAGCTCCATGACTTTAGACTTAGCTTTAGTCAGCTGAAGTGGGAC
AACTGGATTGTGGCTCCGCACAGGTACAACCTCGATACTGTAAAGGGGACTGTCCAAGGGCAGTTGGA
CATCGGTATGGCTCTCCAGTTACACCATGGTACAGAACATCATCTATGAGAAGCTGGACTCCTCAGTG
CCAAGACCGTCATGTGTACCTGCCAAATACAGCCCTTGAGTGTTTTGACCATTGAGCCCGATGGCTCA
ATTGCCTATAAAGAGTACGAAGATATGATAGCTACAAAGTGCACCTGTCGT
ACGCGTACGCGGCCGCTCGAGCAGAAATCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC



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Protein Sequence:	>Peptide sequence encoded by RC217711 Blue=ORF Red=Cloning site Green=Tag(s) MARPNKFLLWFCCFAWLCPISLGSQASGGEAQIAASAELESGAMPWSLLQHIDERDRAGLLPALFKVL SVGRGGSPRLQPDSRALHYMKLYKTYATKEGIPKSNRSHLYNTVRLFTPCTRHKQAPGDQVTGILPSV ELLFNLDRIITVEHLLKSVLLYNINNSVSFSSAVKVCNLMIKEPKSSSRTLGRAPYSFTFNSQFEFGK KHKWIIQIDVTSLLQPLVASNKRSIHMSINFCTMKDQLEHPSAQNGLFNMTLVSPSLILYLNDTSAQAYH SWYSLHYKRRPSQGPQERSLSAYPVGEEAAEDGRSSHRRHRRGQETVSSELKKPLGPASFNLSEYFRQ FLLPQNECELHDFRLSFSQLKWDNWIVAPHRYNPRYCKGDCPRAVGHRYSVPVHTMVQNIIEKLDSSV PRPSCVPKAYSPLSVLTIEPDGSIAYKEYEDMIATKCTCR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005260
ORF Size:	1362 bp
Buffer:	PBS with 0.001% Pluronic F68
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_005260.2</u>
RefSeq Size:	1779 bp
RefSeq ORF:	1365 bp
Locus ID:	2661
UniProt ID:	<u>O60383</u>
Cytogenetics:	5q31.1
MW:	51.4 kDa